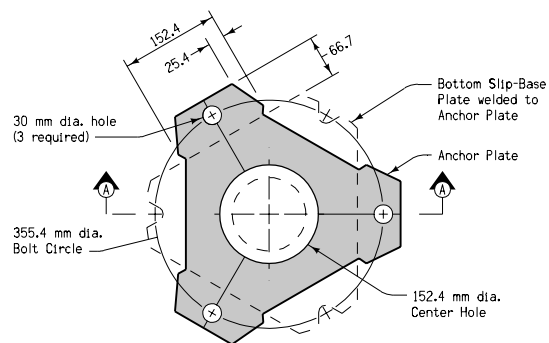
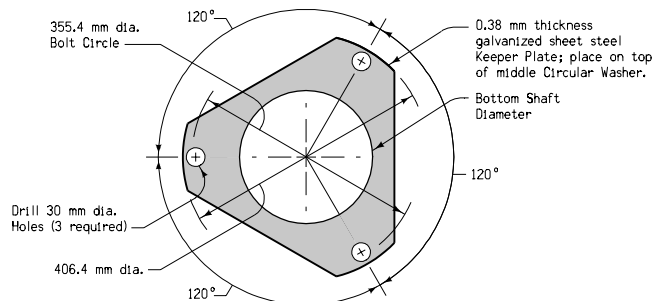


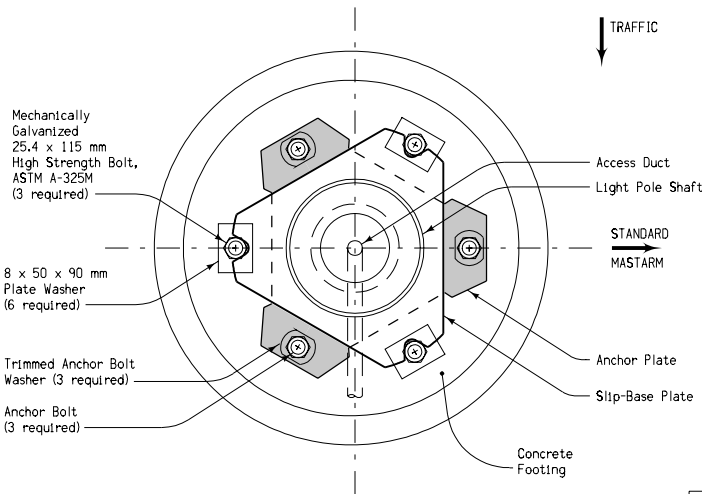
DETAILS OF SLIP-BASE PLATE



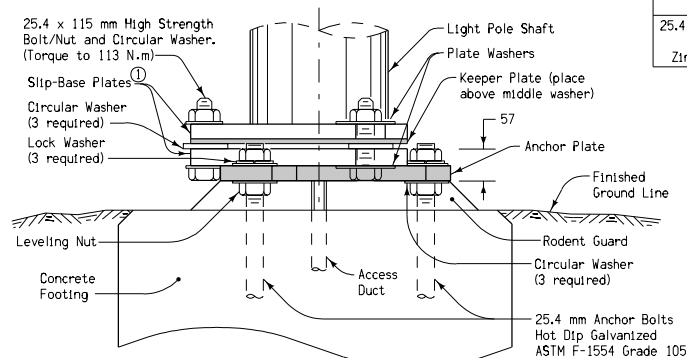
DETAILS OF ANCHOR PLATE



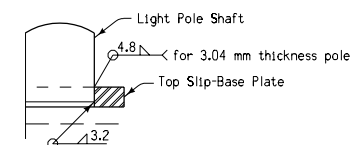
DETAILS OF KEEPER PLATE



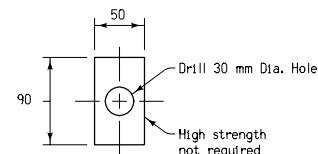
PLAN



ELEVATION TYPICAL INSTALLATION



TYPICAL HALF SECTION 'B'



DETAILS OF 8 mm THICK PLATE WASHER

GENERAL NOTES:

The details indicated hereon are typical of the slip-base for light poles. Alternate designs may be submitted to the Engineer for approval.

Refer to appropriate Standard Road Plans and project plans for additional details.

It shall be the Contractor's responsibility to verify indicated details by field measurements and to make any adjustments necessary to ensure compliance with the slip-base design.

All slip-base poles shall be equipped with shaft handholes as described in the Standard and Supplemental Specifications.

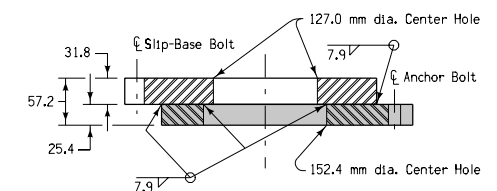
A rodent guard shall be placed between the concrete footing and the anchor plate, see Materials IM 443.01

Method of Measurement and Basis of Payment shall be in accordance with Section 2523 of the current Standard and Supplemental Specifications.

① The top Slip-Base Plate shall be positioned to clear all Anchor Bolts.

HARDWARE CLASSIFICATION

Bolt Size	Bolt Grade	Nuts	Washers	Galvanizing
25.4 x 115 mm Zinc Coated	ASTM A-325M Type 1 Zinc Coated	ASTM A-563M Class 10S Zinc Coated	ASTM F-436M Zinc Coated	ASTM B-695 Class C Type 1
25.4 mm Anchor Bolts Zinc Coated	ASTM F-1554 Grade 10S Zinc Coated	ASTM A-563M Class 10S Zinc Coated	ASTM F-436M Zinc Coated	ASTM A-153M Class C



SECTION A-A
ANCHOR PLATE

All dimensions given in millimeters unless noted.

METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	RM-46
	REVISION: Removed ASTM A 687.	REVISION NO. 3
	APPROVED BY <i>William J. Stem</i> DESIGN METHODS ENGINEER	REVISION DATE 10-02-01
	DETAILS OF SLIP-BASE FOR LIGHT POLES (3 ANCHOR BOLT PATTERN)	